SDMS US EPA REGION V -1

SOME IMAGES WITHIN THIS DOCUMENT MAY BE ILLEGIBLE DUE TO BAD SOURCE DOCUMENTS.

Illinois Environmental Protection Agency 2200 Churchill Road, Springfield, IL 62706

217/782-7600

Refer to: LI[illegible]0005 -- St. Clair
Sauget/Cahokia/Sauget Sites
SF/Procurement

August 28, 1985

Michael L. Miller, Project Manager
Ecology and Environment, Inc.
111 West Jackson Boulevard
Chicago, Illinois 60606

Dear Michael:

This letter provides response to questions regarding requirements for laboratory documentation for analyses at the subject site. Attached, please find a full description of what IEPA will require for documentation. Our Laboratories Section staff believe that this description does not represent a departure from what was required in the Request for Proposal.

This information was previously verbally communicated to your laboratory staff and telecopied to you.

If you have any questions, please feel free to contact me at 217/782-6760.

Sincerely,

Steven K. Dunn
Federal Site Management Unit
Hazardous Substance Control Section
Division of Land Pollution Control

SKD:bjh/1841E/25

Attachment

cc: Collinsville, FOS
Laboratories Division, IEPA
SF File
Author
Wendy Stralow

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Data Package Requirements

1. Inorganics

The copy of the strip chart recorder showing chronological order of the sample analyses should be provided. This shall include the initial verification of the calibration curve and calibration of working curve, analyses of blanks, quality control samples, duplicates, and matrix spikes. The peaks shall be identified by parameter, analyst and samples. Any dilution or concentration of the sample shall also be noted.

All of the raw data shall include the calculations of spike recovery, dilution of concentration of sample if any, deduction of blank interference if any, the acceptance limits of quality control samples, standards, and duplicates.

For ICP analyses, the interference check sample results shall be included.

2. Organics

The data package shall include the results of continuing calibration standard and verification of working calibration curve, GC/MS tuning verification runs with spectra, results of blanks, recovery of matrix spike, matrix spike duplicates, surrogate spike, quality control samples, and the chromatographs of the GC.

SKD:bjh/1041E/26